

MONTANA STATE AVIATION SYSTEM PLAN
1995 UPDATE
FIELD INSPECTION FORM

AIRPORT:	TWIN BRIDGES (7S1)	AIRPORT REFERENCE CODE:	B-I (SM)
CITY:	TWIN BRIDGES	APPROACH TYPE:	VISUAL
CONTACT:	BYRON BUYERS	DATE INVENTORIED:	12-24-95
PHONE #:	684-5465	INSPECTED BY:	RSD

	REQUIRED	ACTUAL	ALP	CONFORM
RUNWAY 16/34 INVENTORY				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	125'	150' (3)		✓
PARALLEL TAXIWAY FROM CENTERLINE:	150'	N/A		N/A
AIRCRAFT PARKING FROM CENTERLINE:	125'	2,200'+		✓
RUNWAY WIDTH:	60'	60'		✓
RUNWAY LENGTH:	5,990' (1)		4,300'	<75%
RUNWAY SAFETY AREA (RSA) WIDTH:	120'	OK (2)		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	250'	OK		✓
PRIMARY / TRANSITION SURFACE PENETRATIONS:	250' W & 7:1	(2)		NO
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	250' WIDE x 200' BEYOND			✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	FLUSH		NO
PAVEMENT MARKING TYPE:	BASIC	BASIC		✓
PAVEMENT MARKING CONDITION:		GOOD		N/A
RUNWAY 16 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			4,773.4	N/A
RUNWAY 34 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			4,756.0	N/A
RUNWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL - STAKE MOUNTED - NATIONANAL			N/A
CONDITION:		GOOD		N/A
COLOR:	WHITE	WHITE		✓
THRESHOLD 16				
DISTANCE FROM PAVEMENT EDGE:	10'	7'		NO
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓
THRESHOLD 34				
DISTANCE FROM PAVEMENT EDGE:	10'	7'		NO
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓

COMMENTS:

- (1) RW LENGTH OF 4,360' FOR 75%, 5,770 FOR 95% AND 5,990 FOR 100% COVERAGE; ALP ULT OF 6,000' SHOWN ON ALP
- (2) TERRAIN EAST OF RW WHERE CROSS WIND MEETS PAVEMENT IS HIGHER THAN RUNWAY
- (3) ALL THREE HOLD LINES ARE VERY FADED

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	REQUIRED	ACTUAL	ALP	CONFORM
TAXIWAY INVENTORY				
TAXIWAY WIDTH:	25'	25'		✓
TAXIWAY SAFETY AREA WIDTH:	49	OK		✓
TAXIWAY OBJECT FREE AREA WIDTH:	89	OK		✓
DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ.	44.5	OK		✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	FLUSH		NO
PAVEMENT MARKING TYPE:		YELLOW		✓
PAVEMENT MARKING CONDITION:		GOOD (1)		N/A
TAXIWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	(1) 10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:		REFLECTOR		✓
CONDITION:		GOOD		N/A
COLOR:	BLUE	BLUE		✓

MISCELLANEOUS

TYPE OF BEACON:	NEAR APRON, ~25', ON WOOD POLE
SIZE OF BEACON:	12"
OTHER LIGHTING AIDS (VASI,PAPI,REIL):	BOTH ENDS - MULTI-ELECTRIC PAPI. 50' OFF PVMT, GOOD COND CONTROL BOXES MTD NONFRANGIBLE & FLUSH TO CONCRETE
WINDCONE (CONDITION & COMPLIANCE):	W OF RW ~275', FAIR COND EXCEPT TOP ABOUT TO FALL OFF
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	METAL PANEL SEG. CIRCLE IN GOOD COND
WINDCONE (CONDITION & COMPLIANCE):	
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	
FENCING:	GOOD
SIGNS: (TYPE, CONDITION, PLACEMENT)	ONE LUMACURVE 148' OFF RW CL, 15' FROM PVMT EDGE, GOOD COND

COMMENTS:

(1) MISSING ONE OF THE ENTRANCE BLUE LIGHT SETS
